

**CLAIMS**

1. A process for increasing the operating frequency of a magnetic circuit, characterized by the fact that it consists of forming, in at least one part of this circuit, gaps (32, 52) perpendicular to the median line (62, 74) of the magnetic circuit.

2. A process involved in claim 1, in which the gaps are formed in parallel planes.

3. A process involved in claim 1, in which gaps (32, 52) are formed at regular intervals with a certain pitch (p) and a certain width (e).

4. A magnetic circuit, characterized by the fact that it has, in at least one part of it, gaps (32, 52) perpendicular to the median line (62, 74) of the magnetic circuit (60, 70).

5. A magnetic circuit involved in claim 4, in which the gaps (32, 52) are spaced at regular intervals.

6. A circuit involved in either one of claims 4 and 5, in which the part of the circuit having the gaps is formed by a single layer of magnetic material.

5 7. A circuit involved in either one of claims 4 and 5, in which the part of the circuit having the gaps is formed by a stack of alternately magnetic (44) and insulating (46) layers.

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